

# Hashem Amireh

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## EDUCATION

### University of North Carolina at Chapel Hill

*PhD in Economics*

Aug. 2021 – Present  
Chapel Hill, North Carolina

- **Graduate Instructor:** ECON445 Industrial Organization  
ECON291 Undergraduate Learning Assistant Seminar

### Humboldt University Berlin

*M.S. in Economics and Management Science*

May 2021  
Berlin, Germany

### University of Florida

*Bachelor of Arts — Majors: Economics and International Studies*

May 2017  
Gainesville, Florida

### UWC-USA

*International Baccalaureate Diploma*

Jun. 2013  
Montezuma, New Mexico

## RESEARCH

Work in progress    **Estimating the Value of Reverse Payments in "Pay-for-Delay" Deals**  
**Algorithmic Pricing and Collusion in Winner-Take-All Markets**

## EMPLOYMENT

### Econometrics and Statistics Consultant

*The Odum Institute at UNC*

January. 2022 – May 2024  
Chapel Hill, North Carolina

- Provided statistical consultations for various UNC research projects, including those in the Kenan-Flagler School of Business and the Gillings School of Global Public Health.
- Offered expertise in statistical model design, specification, and statistical programming in Python, R, and Julia.
- Collaborated with researchers across departments to enhance quantitative research methodologies and outcomes.

### Graduate Research Assistant to Martin Schweinsberg

*ESMT Berlin*

May 2019 – July 2021  
Berlin, Germany

- Coordinated two large science reproducibility and data analysis projects that involved tens of researchers around the world.
- Provided support and feedback to researchers, assessing the validity of studies and empirical models, dealing with thousands of lines of R code, troubleshooting bugs, and re-running code.
- Designed, programmed, and conducted behavioral experiments for academic research.
- Published work: "Same data, different conclusions: Radical dispersion in empirical results" in OBHDP Journal

### Commercial Management Intern

*Lufthansa Cargo*

Aug. 2018 – Feb. 2019  
Atlanta, Georgia

- Performed market and competition analysis for the Lufthansa Cargo "North America Area" by collecting data from 3rd party providers and combining it with Lufthansa's internal data to identify underserved markets and provide performance metrics thousands of markets (airport pairs).
- Designed and implemented a new method to set "load factor" and revenue targets for 2019 for the nine North America sub-regions. Rather than being completely based on past performance, the new model uses trends in various markets and considers changes in capacity for Lufthansa as well as competitors.

### Research Consultant

*"Design of Trade Agreements" Project — University of Bern and World Trade Institute*

May 2019 – July 2020  
Bern, Switzerland

## EXPERIENCE

### UNC Graduate Student Union

*President*

Sept. 2023 - Sept. 2024  
Chapel Hill, NC

- Ran on a platform of restructuring into two unit: One for grads and non-grad. Under the previous model, both groups were part of the unit while graduate students generally held all the positions on the executive board. This was creating major inefficiencies that prevented us from advocating on behalf of both groups simultaneously.
- Following the restructuring of the union, I made increasing the size of the graduate student members our first priority. During my tenure, the number graduate workers in the union increased by about 340%.
- Towards the end of my tenure, I formed an ad-hoc "Stipends Campaign Committee" tasked with planning and launching a campaign to advocate for higher minimum stipends for graduate students at UNC.

## UWC Jordan National Committee

July 2013 – Present

### *Technical Manager*

- Designed and implemented a full-fledged Django-based online application and admissions system.
- I work on applicant recruitment and selection to attend UWCs around the world. I have also led the design and implementation of an orientation for selected students.

## UNC Graduate and Professional Student Senate

August 2023 – Present

*Served on "State of Grad and Professional Students" and "Rules and Judiciary" Committees*

## SKILLS

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**Technical:** Julia, R, Python, Django, SQL, HTML5/CSS, JavaScript, React, (Dynamic) Structural Modeling

**Languages:** English (Native Level), Arabic (Native Language), German (Intermediate)

## AWARDS AND FELLOWSHIPS

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**Collaborative Summer Fellowship** - *UNC Center for Regulatory and Industrial Studies*

Summer 2023

**Private Pilot License** - *United States Federal Aviation Administration*

April 12, 2017

**Davis Scholarship** - *Fullride at the University of Florida*

2013 – 2017